

FIG. 1A

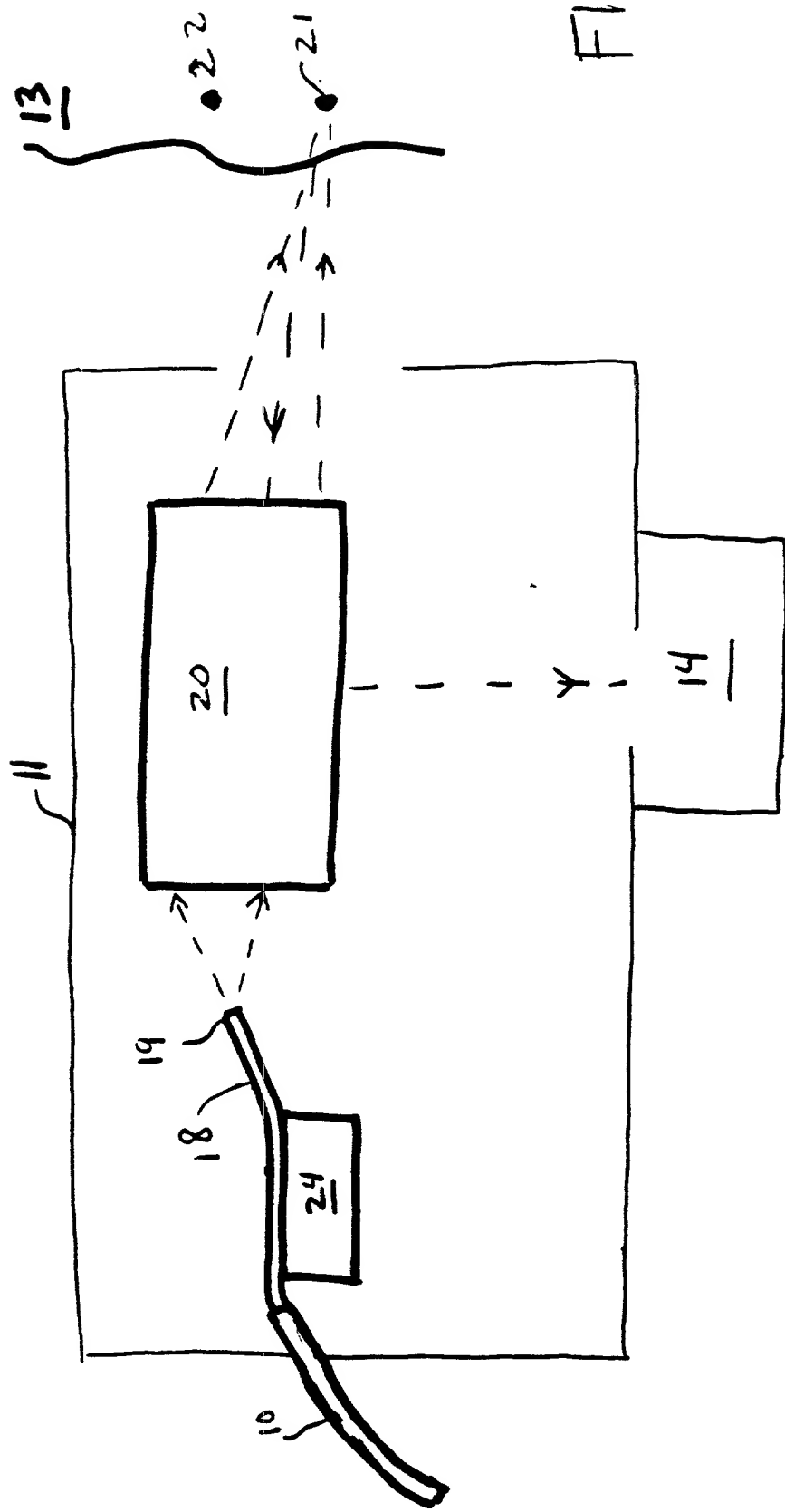


FIG. 2

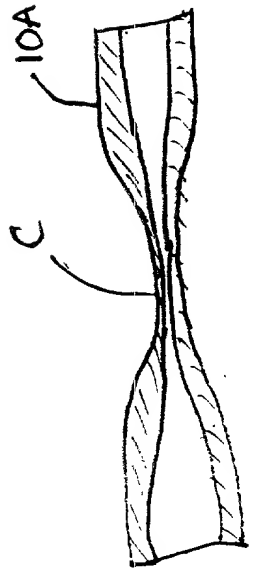
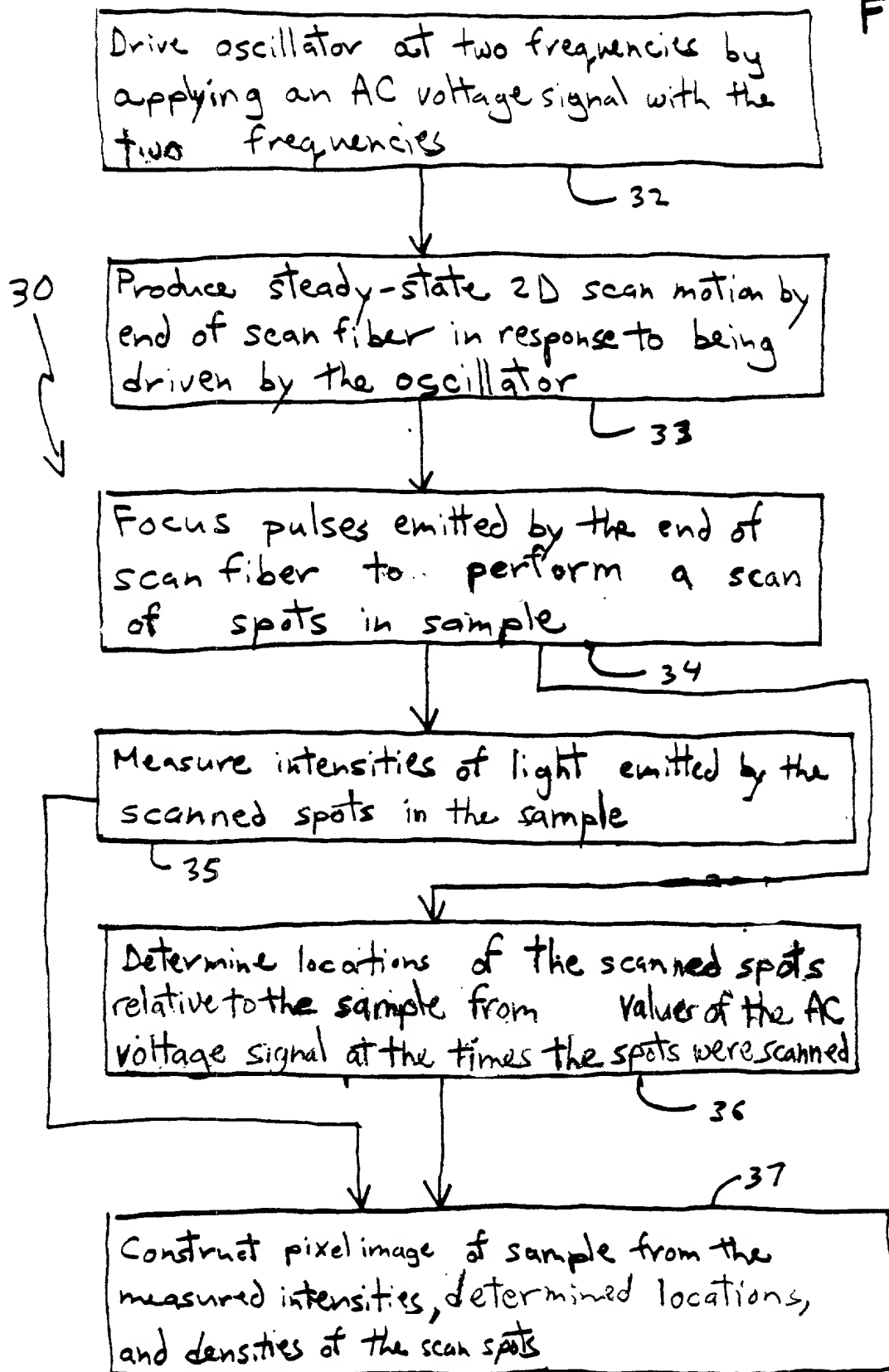
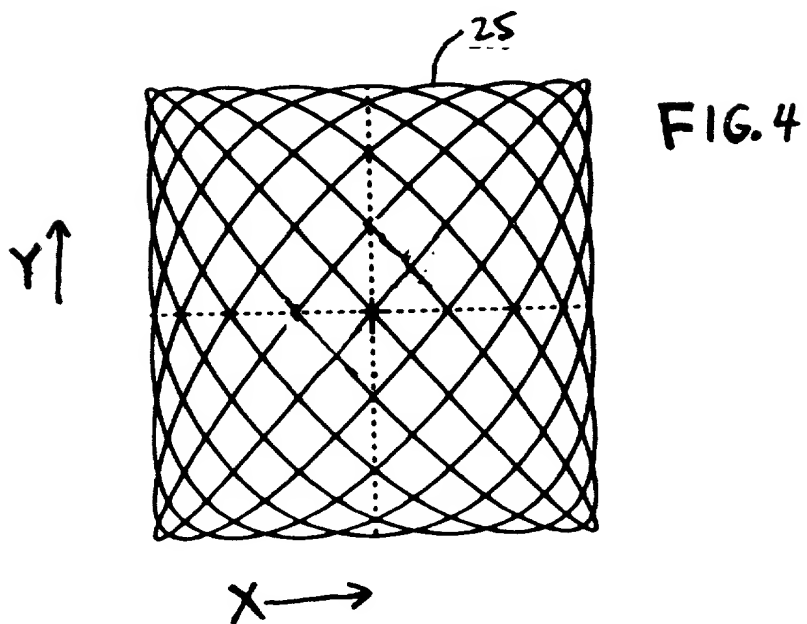
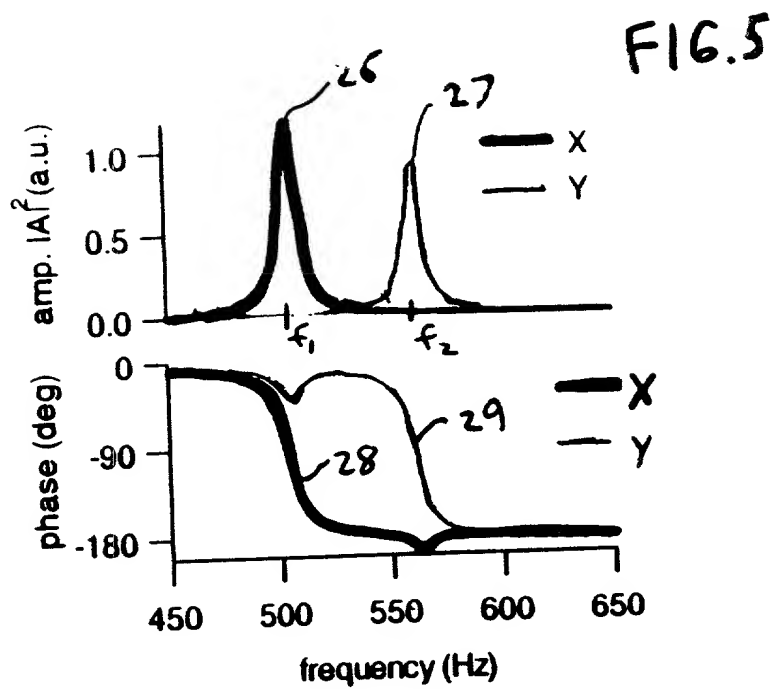


FIG. 1A

FIG. 3





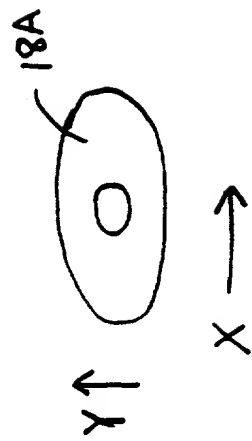


FIG. 6A

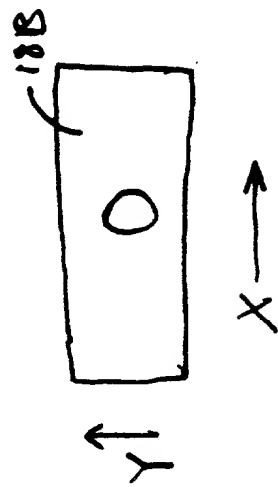


FIG. 6B

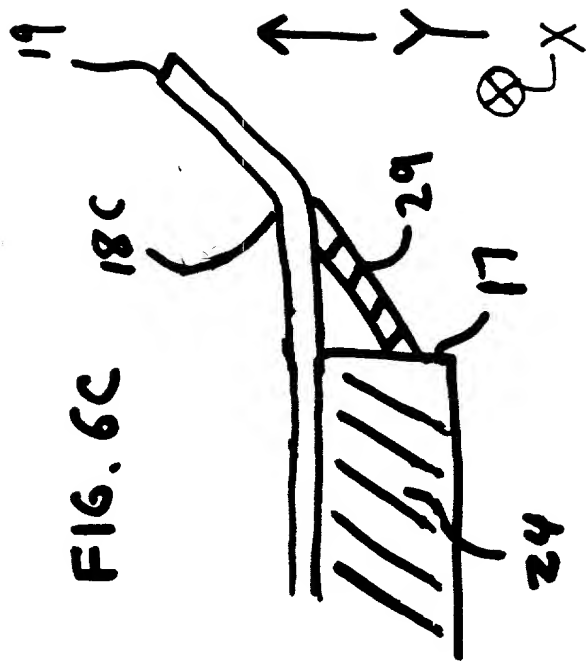


FIG. 6C

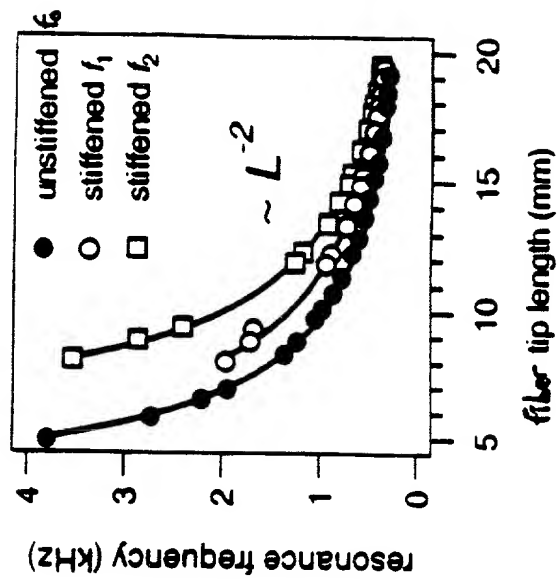


FIG. 6D

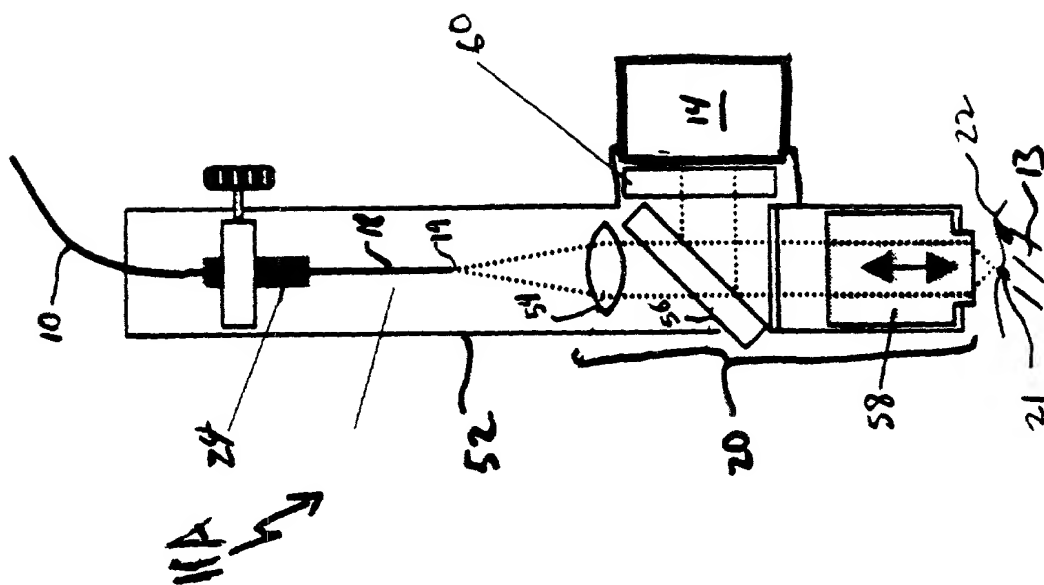


FIG. 7A

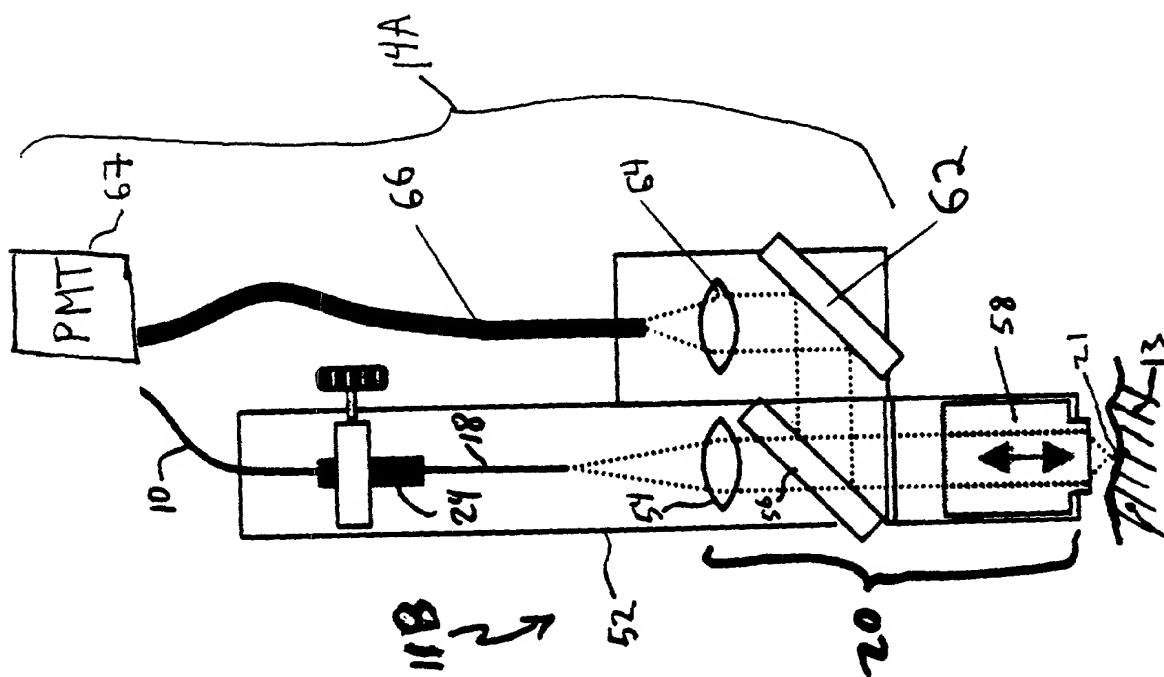


FIG. 7B

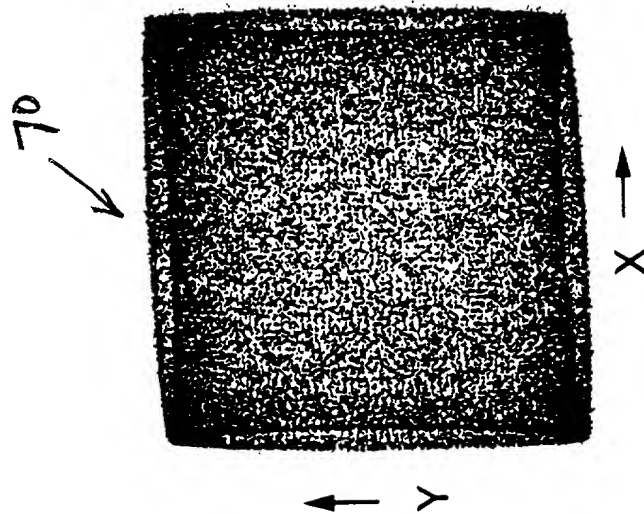


FIG. 8

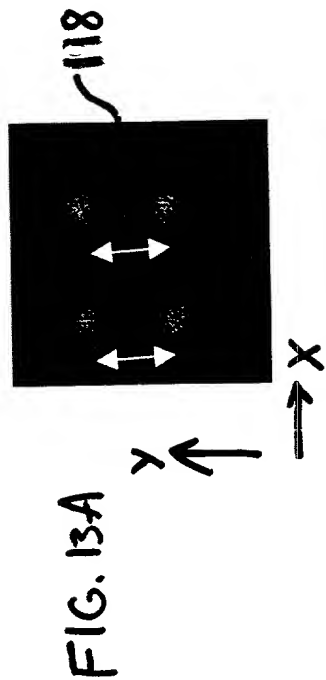


FIG. 13A

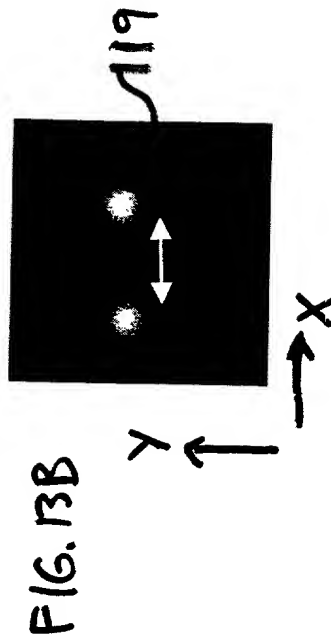


FIG. 13B

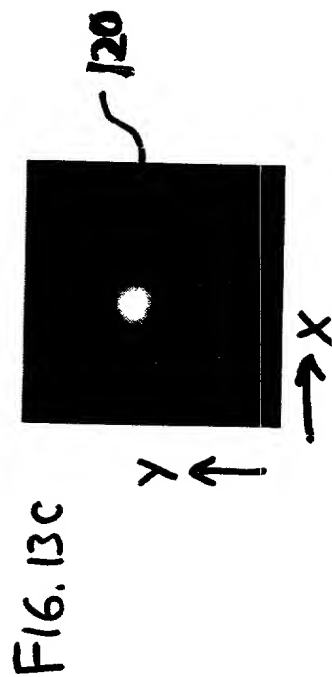
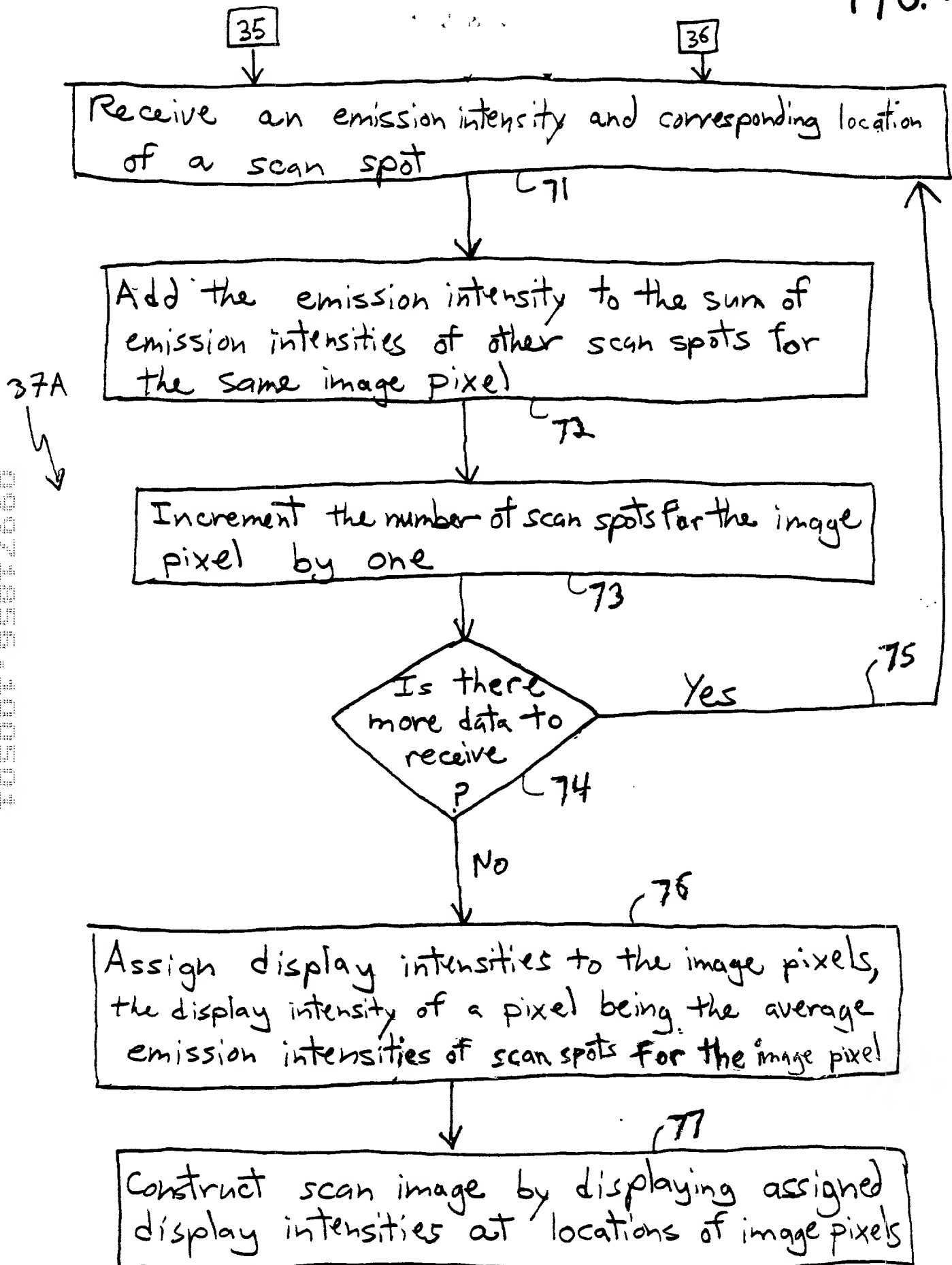
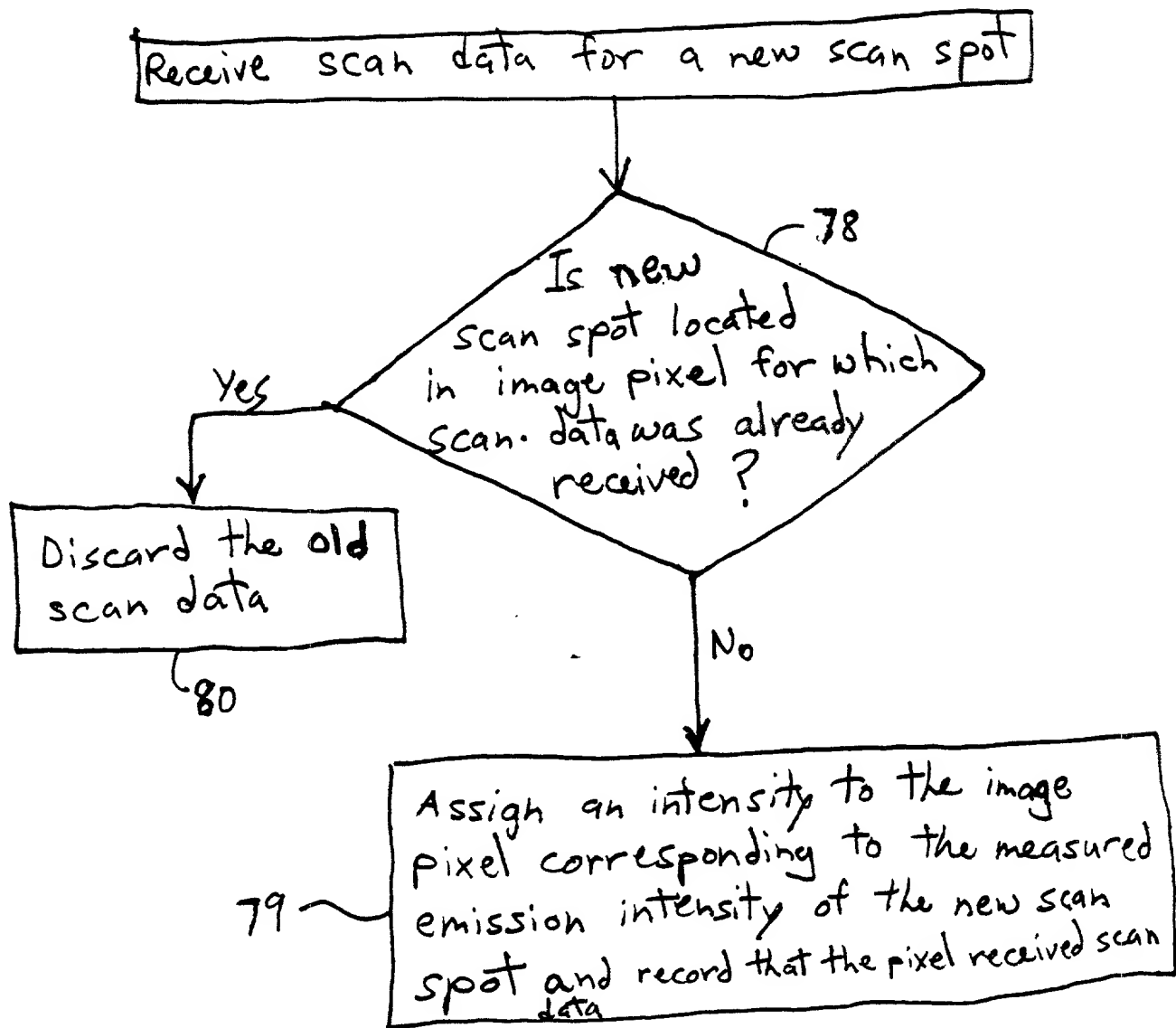


FIG. 13C





37B

FIG. 9B

Calibrate circuit to output X and Y coordinates of scan spots in response to voltage signals driving oscillator

82

Produce scan image of sample using scan spot coordinates determined with the calibrated circuit

83

81

FIG. 10

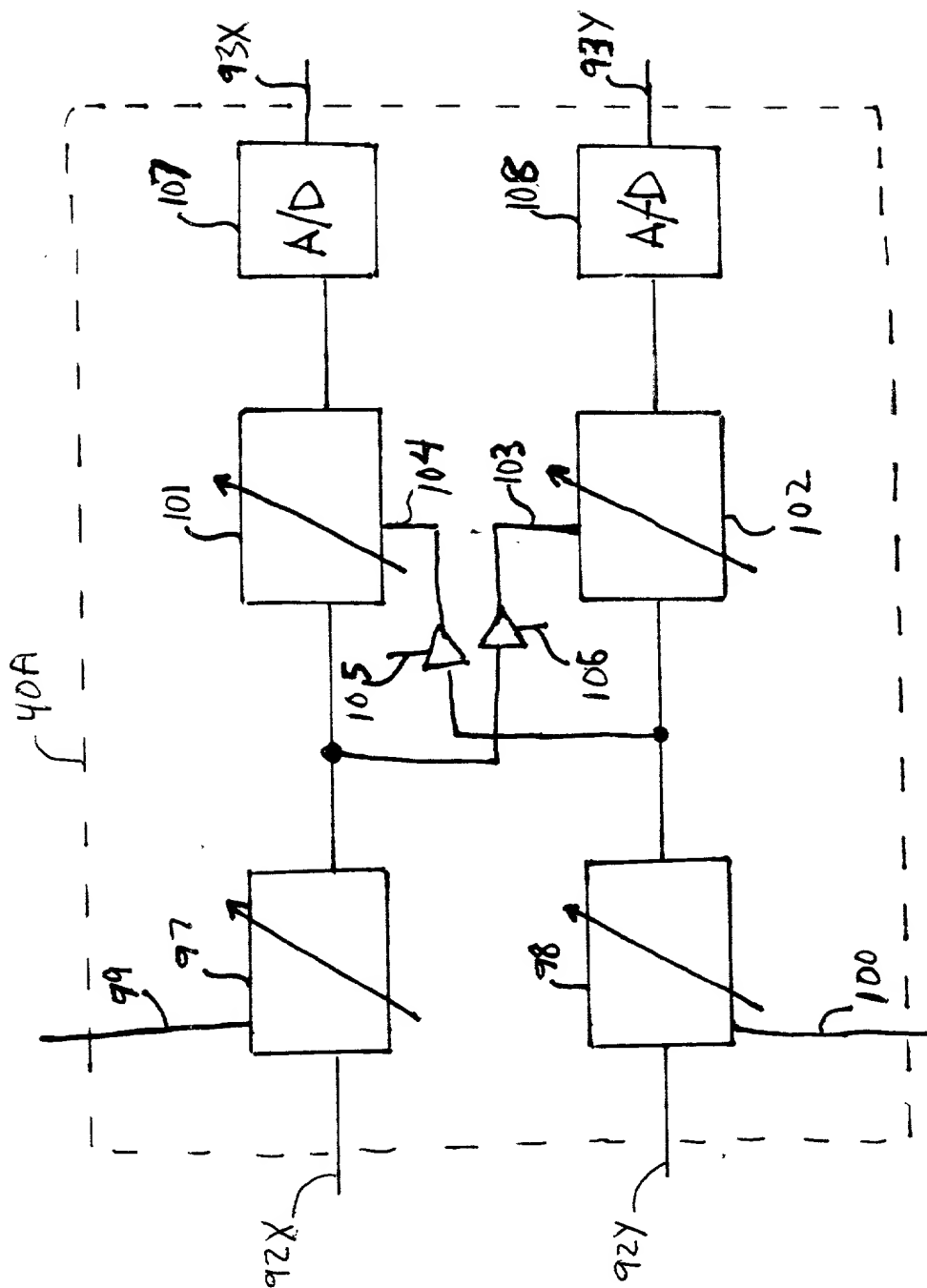


FIG. 11A

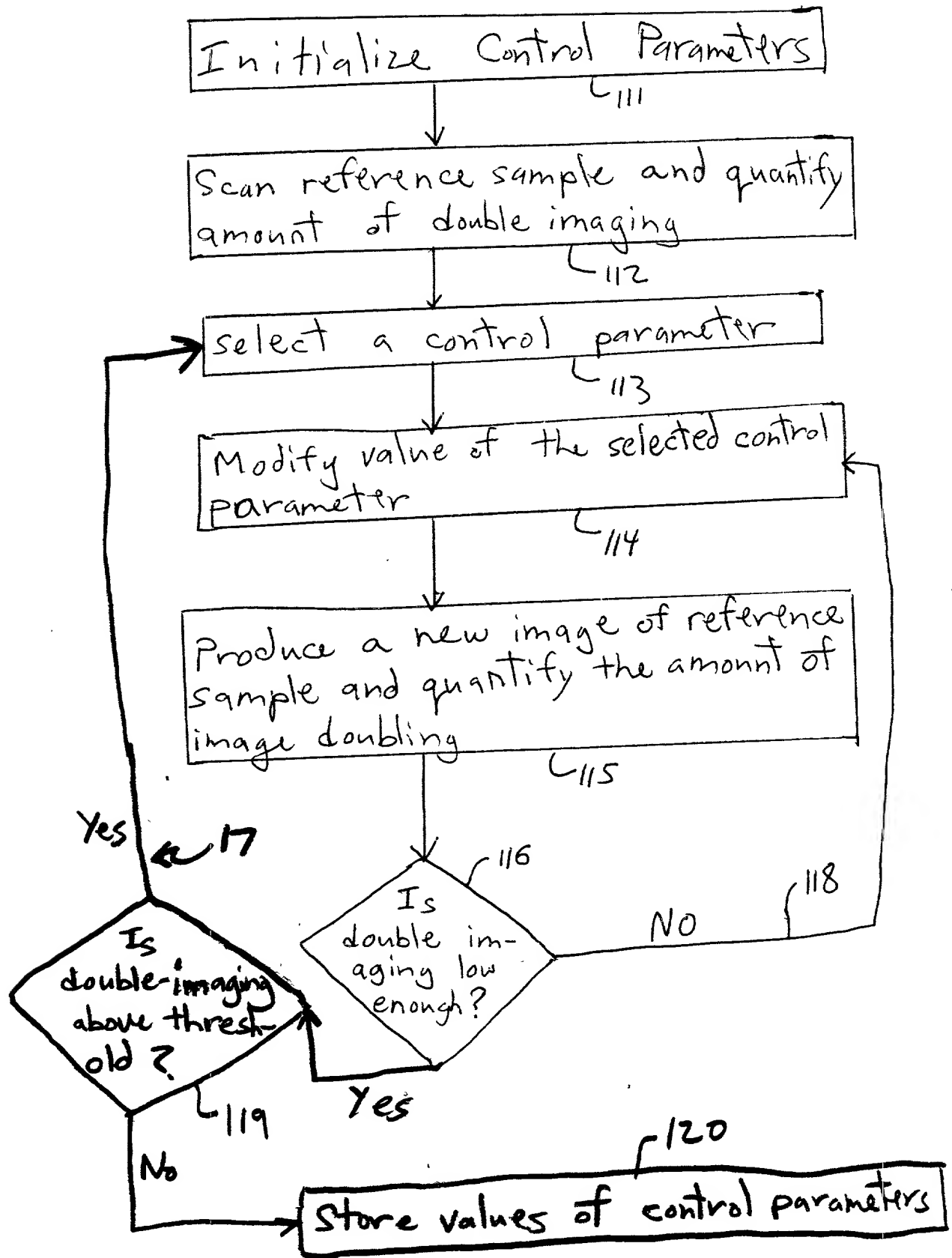


FIG. 12